

CLAIMS

What is Claimed is:

1. An electrotransport device, comprising:
first and second electrodes;
a first reservoir adapted to receive an active agent formulation;
a second reservoir adapted to receive an electrolyte formulation,
said first reservoir being in communication with said electrode,
said second reservoir being in communication with said second electrode;
a power source;
electronic circuitry in communication with at least said first and second electrodes; and
a reservoir housing having an internal cavity adapted to receive said first electrode and
said first reservoir, said reservoir housing including an integral conductive element having a
first end in communication with said first reservoir and a second end that is disposed on the
outside of said reservoir housing and extends therefrom, said second end of said conductive
element being adapted to be operatively connected to said power source, whereby electrical
communication between said first reservoir, said electronic circuitry and said power source is
provided.
2. The electrotransport device of Claim 1, wherein said power source is in
communication with said electronic circuitry and said second end of said conductive element is
adapted to be connected to said electronic circuitry.
3. The electrotransport device of Claim 1, wherein said conductive element
comprises a substantially planar member.
4. The electrotransport device of Claim 2, wherein said conductive element is
substantially flexible.
5. The electrotransport device of Claim 1, wherein said conductive element
includes a base member having a conductive coating disposed thereon.

6. The electrotransport device of Claim 1, wherein said active agent formulation includes a therapeutic agent selected from the group consisting of anti-infectives, including antibiotics and antiviral agents; analgesics, including fentanyl, sufentanil, remifentanil, buprenorphine and analgesic combinations; anesthetics; anorexics; antiarthritics; antiasthmatic agents; anticonvulsants; antidepressants; antidiabetic agents; antidiarrheals; antihistamines; anti-inflammatory agents; antimigraine preparations; antimotion sickness preparations such as scopolamine and ondansetron; antinauseants; antineoplastics; antiparkinsonism drugs; antipruritics; antipsychotics; antipyretics; antispasmodics, including gastrointestinal and urinary; anticholinergics; sympathomimetics; xanthine derivatives; cardiovascular preparations, including calcium channel blockers; beta blockers; beta-agonists, including dobutamine and ritodrine; antiarrhythmics; antihypertensives, including atenolol; ACE inhibitors such as ranitidine; diuretics; vasodilators, including general, coronary, peripheral, and cerebral; central nervous system stimulants; cough and cold preparations; decongestants; diagnostics; hormones, including parathyroid hormone; hypnotics; immunosuppressants; muscle relaxants; parasympatholytics; parasympathomimetics; prostaglandins; proteins; peptides; psychostimulants; sedatives; and tranquilizers.